

Abstract

Data can be securely passed between a client and a back-end resource by utilizing an intermediary or proxy that substitutes references for data and functions as if it were in fact a client. When sending service requests to a web-
5 server on a publicly-accessible site, the intermediary replaces the data with references; when it receives references from the publicly-accessible site, it replaces those references with the actual data. At no time is actual data handled by a publicly-accessible site.